



PATENT  
PD-980199  
Customer No. 020991

#4  
Rose  
1-31-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Arsenault et al.

Serial No.: 09/535,105

Filed: March 24, 2000

Title:  
METHOD AND APPARATUS FOR  
STORING AND DISPLAYING DIGITAL  
OBJECTS ASSOCIATED WITH AN  
ELECTRONIC TELEVISION PROGRAM  
GUIDE USING FUZZY LOGIC

Group Art Unit: 2711

Examiner: TO BE DETERMINED

) I hereby certify that this paper (or fee) is being  
) deposited with the United States Postal Service as  
) first class mail, postage prepaid, in an envelope  
) addressed to:

) Assistant Commissioner for Patents, Washington,  
) DC 20231 on this date:

)   
) Signature

) Dana J. Warnquist

) Name of Applicant, Assignee or Registered  
) Representative

) Date: July 21, 2000

LETTER TO OFFICIAL DRAFTSPERSON

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Applicants herewith submit a complete set of formal drawings, subject to the approval by the Examiner. Please enter the attached formal drawings in substitution of the drawings currently of record. If there are any questions, applicants' attorney can be reached at 303/712.5044 or by facsimile 303/712.5042.

Respectfully submitted,

Date: July 20, 2000

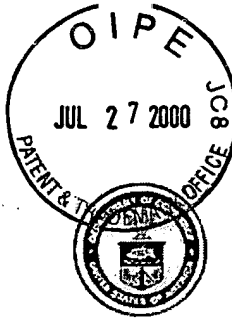
  
John A. Crook, Reg. No: 30,830  
Attorney for Applicants

HUGHES ELECTRONICS CORPORATION  
Bldg. 01, M.S. A109  
P.O. Box 956  
El Segundo, CA 90245-0956  
Telephone: 303/712.5044

## FORMALITIES LETTER



\*OC00000005142311\*

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeAddress: COMMISSIONER OF PATENT AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/535,105	03/24/2000	Robert G. Arsenault	PD-980199

020991  
HUGHES ELECTRONICS CORPORATION  
PATENT DOCKET ADMINISTRATION  
BLDG 001 M/S A109  
P O BOX 956  
EL SEGUNDO, CA 902450956

Date Mailed: 05/26/2000

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

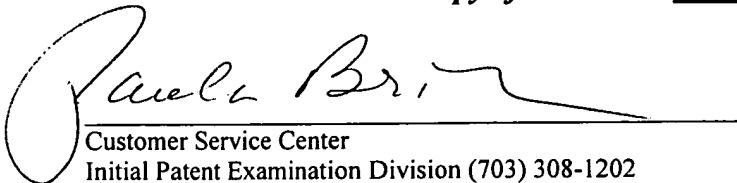
*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

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*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

07/31/2000 6TEFFERA 00000020 500383 09535105

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PATENT  
PD-980199  
Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Arsenault et al.  
Serial No.: 09/535,105  
Filed: March 24, 2000  
For: METHOD AND APPARATUS FOR STORING  
AND DISPLAYING DIGITAL OBJECTS  
ASSOCIATED WITH AN ELECTRONIC  
TELEVISION PROGRAM GUIDE USING  
FUZZY LOGIC

Group Art Unit: 2711  
Examiner: TO BE DETERMINED

**RESPONSE TO NOTICE TO FILE MISSING PARTS**

This is in response to the Notice to File Missing Parts dated May 26, 2000.

X Transmitted herewith for filing are the declarations of inventors: Robert G. Arsenault, Glenn C. Creel, Kenneth D. Seibert, Tam T. Leminh, Craig A. Finseth, Philip E. Hsiao and Jeffrey A. Brown.

X Transmitted herewith for filing are 7 sheets of formal drawings.

X The filing fee for this application is calculated below, and has been previously paid:

	CLAIMS AS FILED			
	NUMBER FILED	NUMBER EXTRA	RATE	
For:				
Basic Fee				\$690.00
Total Claims	14 - 20 =	0 x	\$18.00	0.00
Independent Claims	4 - 3 =	1 x	\$78.00	78.00
Multiple Dependent Claims		0 x	\$260.00	0.00
<b>TOTAL FILING FEE :</b>				<b>\$768.00</b>

\_\_\_\_ Please charge Deposit Account No. 50-0383 of Hughes Electronics, El Segundo, California, in the amount of \$0.00. The Assistant Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to that account.

X Please charge Deposit Account No. 50-0383 of Hughes Electronics, El Segundo, California, in the amount of \$130.00 for the required Surcharge pursuant to 37 CFR 1.16(e). The Assistant Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to that account.

\_\_\_\_ This is a petition for an extension of time pursuant to 37 CFR 1.136, for \_\_\_\_ month(s) extension of time. If an additional Extension of Time is required, please consider this a petition therefor. Please also charge Deposit Account No. 050-0383 of Hughes Electronics, El Segundo, California, in the amount of \$\_.00 for the required extension fee pursuant to 37 CFR 1.17. The Assistant Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to that account.

X The Assistant Commissioner is further hereby authorized to charge to said above Deposit Account No. 50-0383, pursuant to 37 CFR 1.25(b), any fees whatsoever which may properly become due or payable, as set forth in 37 CFR 1.16 to 1.17 inclusive, for the entire pendency of this application without specific additional authorization.

This form is submitted in triplicate.

HUGHES ELECTRONICS CORPORATION

  
John A. Crook, Reg. No. 30,830

HUGHES ELECTRONICS CORPORATION  
P.O. Box 956  
Bldg. 001, M/S A109  
El Segundo, CA 90245-0956  
Telephone: 303/712.5044  
Date: July 20, 2000

09-506 (2/96)

**Certification under 37 CFR 1.10**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231, on July 21, 2000.  
Name of applicant, assignee, or Registered Representative

  
Signature

July 21, 2000  
Date of Signature